MEVOTECH

MEVOTECH INSIDER

Service Tips and Best Practices

Preventing ABS Signal Failure on GM Wheel Hub Assemblies with Pigtail ABS Connectors

Brand	BXT/TITAN	Product	Wheel Hub Assemblies	Date	March 2021
Part Number(s)	H513121/H513179/TXF513121/TXF513179				

To prevent ABS signal failure on popular GM wheel hub assemblies which feature a pigtail style ABS connector, it is important to adhere to the following during installation:

- Remove all rust, corrosion, contaminants and burrs from steering knuckle. An excessive accumulation of rust may prevent the wheel hub from correctly and adequately seating within the knuckle.
- Inspect the steering knuckle for abnormal wear, enlargement, "out of roundness" and or other damage before installation.
- Ensure that ABS harness and connector is properly routed and not pinched, squeezed and or strained at any point.
- Ensure connector clip is securely and completely seated onto metal backing plate. The connector clip must also be securely and completely connected to connector. Failure to properly secure to either the backing plate and or connector may lead to excessive vibration and damage to internal wiring.
- Ensure that weather pack/seal is in adequate condition and or not missing from vehicle side harness. Replace if damaged and or missing. A damaged or missing weather pack/seal may allow water and other road contaminants to enter ABS harness causing signal failure.
- Ensure to torque all assembly hardware to the correct values as specified in factory service manual. Incorrect torque values and or procedures may cause premature failure of ABS sensor cap and or wheel hub assembly.

WE SUPPORT ASE CERTIFICATION

DISCLAIMER: The information in this communication is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain vehicles. Refer to original manufacturers service manual for proper torque specifications and removal/installation procedures. All content in the publication is provided as-is and without warranty. All care has been taken to ensure the accuracy of the information presented. The publisher assumes no responsibility or liability for any loss or damage, direct, indirect or consequential, arising from the use of the information contained herein.